

# IDR RID Report

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**Originator** Tom Antczak  
**Organization** JPL/PODAAC  
**E Mail Address** antczak@jpl.nasa.gov  
**Document** Planning

**Phone No** 818-306-6012

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<b>Review</b>	<b>IDR</b>	
<b>Originator Ref</b>	<b>TA-1</b>	
<b>Priority</b>	<b>2</b>	

**Section**

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**Figure Table**

**Category Name** Cross Subsystem Interfaces

**Actionee** ECS

**Sub Category**

**Related RIDs**

**Subcategory ID**

**Subject** Planning across subsystems

## **Description of Problem or Suggestion:**

Discussions with ECS subsystem engineers indicated local solutions to planning requirements. No end-to-end view of planning across subsystems is available. Note that this issue is identified in the ECS Risk Plan.

## **Originator's Recommendation**

Set up a development process to identify and resolve system-wide planning design issues.

**GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** D.Turanski

**HAIS Schedule** 11/15/95

**HAIS R. E.** D. Turanski

**HAIS Response Date** 12/22/95

ECS is building a substantial planning capability in the Planning subsystem. Therefore, any other subsystem which has requirements for planning, other than a totally new requirement, will use the capability provided by the Planning subsystem. Any deviations from this approach will take into account the full, systemwide implications, including advantages like systemwide visibility of plans that use the Planning subsystem implementation. Planning functionality provided by any subsystem that requires it will be presented at CDR.

Note that not all of the components in ECS are plan-based. Many, in fact, are data-driven in order to meet the Level 3 requirements. A significant challenge in designing the system is to "marry" the plan-based and data-driven components. This marriage would not necessarily be accomplished by a simple insistence that all components use the Planning subsystem. Instead, the system must provide adequate information on plans and events in order to provide a full systemwide view.

**Status** **Closed**

**Date Closed** 1/26/96

**Sponsor** Folts/Marinelli

\*\*\*\*\* **Attachment if any** \*\*\*\*\*